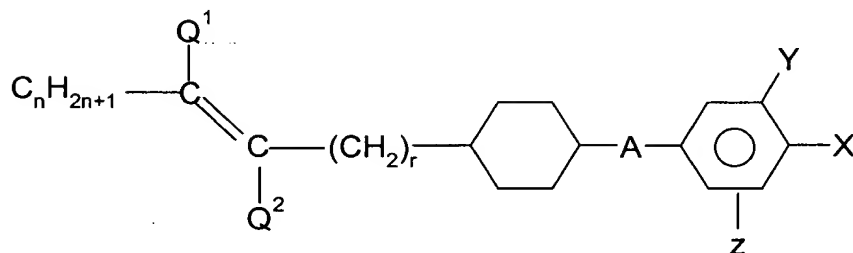


This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims**

Claim 1 (**currently amended**)      A phenylcyclohexane of formula I



in which n is 0 to 7,  $Q^1$  and  $Q^2$  are H, or one of these radicals is alternatively  $CH_3$ , r is 0, 1, 2, 3, 4 or 5, A is trans-1,4-cyclohexylene, 1,4-phenylene, 3-fluoro-1,4-phenylene or a single bond, X is -CN, and Y and Z are each, independently of one another, H or F, with the proviso that, in the case where A is trans-1,4-cyclohexylene or a single bond,  $Q^1 = Q^2 = H$  and simultaneously X=CN, Y and/or Z are F.

Claim 2 (**canceled**)

Claim 3 (**canceled**)

Claim 4 (**canceled**)

Claim 5 (**canceled**)

Claim 6 (**canceled**)

**Claim 7 (previously presented)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 1.

**Claim 8 (previously presented)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 7.

**Claim 9 (previously presented)** A phenylcyclohexane according to claim 1, wherein  $Q^1$  and  $Q^2$  are H and A is trans-1,4-cyclohexylene.

**Claim 10 (previously presented)** A phenylcyclohexane according to claim 1, wherein n is 0.

**Claim 11 (previously presented)** A phenylcyclohexane according to claim 1, wherein n is 1.

**Claim 12 (previously presented)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 9.

**Claim 13 (previously presented)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 12.

**Claim 14 (previously presented)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 10.

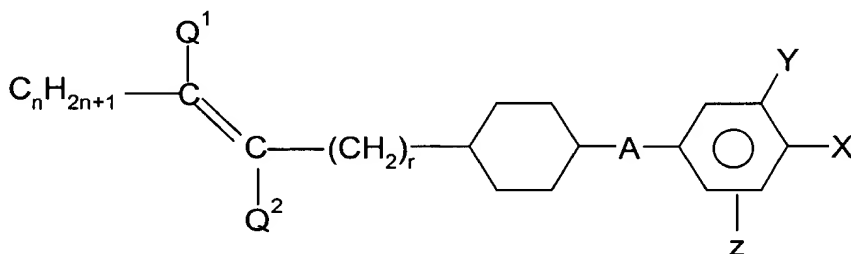
**Claim 15 (previously presented)** An electrooptical display based on a liquid-crystal

cell, wherein the liquid-crystal cell contains a medium according to claim 14.

Claim 16 (**previously presented**) A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 11.

Claim 17 (**previously presented**) An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 16.

Claim 18 (**previously presented**) A phenylcyclohexane of formula I



in which n is 0 to 7,  $Q^1$  and  $Q^2$  are H, or one of these radicals is alternatively  $CH_3$ , r is 0, 1, 2, 3, 4 or 5, A is trans-1,4-cyclohexylene, 1,4-phenylene, 3-fluoro-1,4-phenylene or a single bond, X is F, Cl,  $-CF_3$  or  $-OCF_3$  and Y and Z are each independently H or F.

Claim 19 (**previously presented**) A phenylcyclohexane according to claim 18, wherein  $Q^1$  and  $Q^2$  are H and A is trans-1,4-cyclohexylene.

Claim 20 (**previously presented**) A phenylcyclohexane according to claim 18, wherein n is 0.

Claim 21 (**previously presented**) A phenylcyclohexane according to claim 18, wherein n is 1.

Claim 22 (**previously presented**) A phenylcyclohexane according to claim 18, wherein X and Y are F and Z is H.

Claim 23 (**previously presented**) A phenylcyclohexane according to claim 18, wherein Z is F.

Claim 24 (**previously presented**) A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 18.

Claim 25 (**previously presented**) An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 24.

Claim 26 (**previously presented**) A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 19.

Claim 27 (**previously presented**) An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 26.

Claim 28 (**previously presented**) A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 20.

Claim 29 (**previously presented**) An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 28.

Claim 30 (**previously presented**) A liquid-crystalline medium comprising at least two

liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 21.

**Claim 31 (previously presented)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 30.

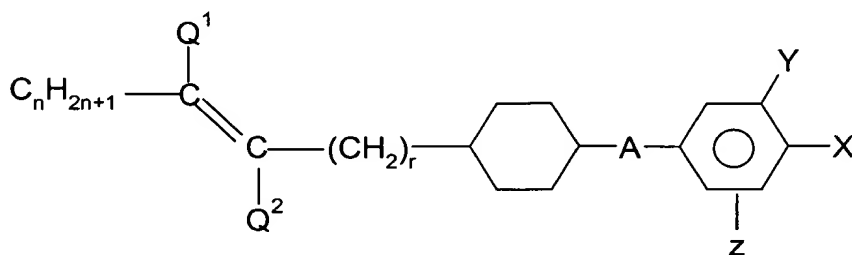
**Claim 32 (previously presented)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 22.

**Claim 33 (previously presented)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 32.

**Claim 34 (previously presented)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 23.

**Claim 35 (previously presented)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 34.

**Claim 36 (previously presented)** A phenylcyclohexane of formula I



in which n is 0 to 7,  $Q^1$  and  $Q^2$  are H, or one of these radicals is alternatively  $CH_3$ . r is 0,

1, 2 or 3, A is trans-1,4-cyclohexylene, 1,4-phenylene, 3-fluoro-1,4-phenylene or a single bond, X is F, and Y and Z are each independently H or F.

**Claim 37 (previously presented)** A phenylcyclohexane according to claim 36, wherein  $Q^1$  and  $Q^2$  are H and A is trans-1,4-cyclohexylene.

**Claim 38 (previously presented)** A phenylcyclohexane according to claim 36, wherein n is 0.

**Claim 39 (previously presented)** A phenylcyclohexane according to claim 36, wherein n is 1.

**Claim 40 (previously presented)** A phenylcyclohexane according to claim 36, wherein X and Y are F and Z is H.

**Claim 41 (previously presented)** A phenylcyclohexane according to claim 36, wherein Z is F.

**Claim 42 (previously presented)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 36.

**Claim 43 (previously presented)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 42.

**Claim 44 (previously presented)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 37.

**Claim 45 (previously presented)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 44.

**Claim 46 (previously presented)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 38.

**Claim 47 (previously presented)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 46.

**Claim 48 (previously presented)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 39.

**Claim 49 (previously presented)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 48.

**Claim 50 (previously presented)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 40.

**Claim 51 (previously presented)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 50.

**Claim 52 (previously presented)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 41.

**Claim 53 (previously presented)** An electrooptical display based on a liquid-crystal

cell, wherein the liquid-crystal cell contains a medium according to claim 52.

**Claim 54 (new)**      A phenylcyclohexane according to claim 1, wherein Z is ortho to X.

**Claim 55 (new)**      A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is phenylcyclohexane of formula I according to claim 54.

**Claim 56 (new)**      An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 55.